

Converting Colors

YUV(124.4910, 52.0159,
-70.5906)

Have a look what the booklet for
YUV(124.4910, 52.0159, -70.5906)
contains.

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Color

**YUV(124.4910, 52.0159,
-70.5906)**

Conversions

Conversions Part 1

Format	Color
Hex	2C91E6
RGB	44, 145, 230
RGB Percent	17%, 57%, 90%
CMY	0.8275, 0.4314, 0.0980
CMYK	0.81, 0.37, 0.00, 0.10
HSL	207°, 79%, 54%
HSV	207°, 81%, 90%
XYZ	25.4470, 26.4994, 78.6366
YIQ	124.4910, -87.4810, 5.0230

Conversions

Conversions Part 2

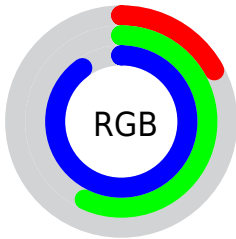
Format	Color
R _Y B	44, 109, 230
Decimal	2920934
CIE Lab	58.51, 1.10, -50.98
CIE LCh	59, 50.989, 271.238
Yxy	26.4994, 0.1949, 0.2029
Android (android.graphics.Color)	4281111014 (0xFF2C91E6)
YUV	124.4910, 52.0159, -70.5906
Hunter-Lab	51.4776, -1.8475, -54.5364

Details

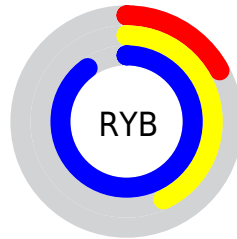
The YUV color **124.4910, 52.0159, -70.5906** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **149.5090, -52.0159, 70.5906**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.8770, 36.5426, -54.2661**, and **75.6010, 48.5107, -66.3021** is the 20% darker color. If you saturate the color by 10%, you get **111.1570, 58.5896, -79.0677**, and if you desaturate by 10%, it is **137.8250, 45.4423, -62.1135**.

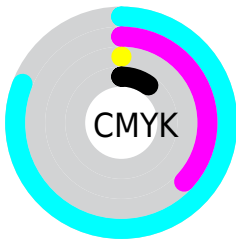
Distribution



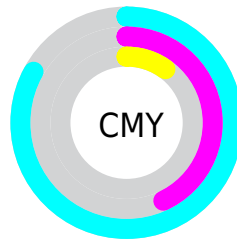
- Red (17%)
- Green (57%)
- Blue (90%)



- Red (17%)
- Yellow (43%)
- Blue (90%)



- Cyan (81%)
- Magenta (37%)
- Yellow (0%)
- Black (10%)



- Cyan (83%)
- Magenta (43%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.4910, 52.0159, -70.5906 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 124.4910, 52.0159, -70.5906 by changing the saturation by 10% instead.

■ 124.4910, 52.0159,
-70.5906

■ 124.4910, 52.0159,
-70.5906

255.0000, 0.0000,
0.0000

■ 93.4680, 53.5063,
-81.9714

■ 180.8770, 36.5426,
-54.2661

■ 75.6010, 48.5107,
-66.3021

■ 206.5820, 23.8701,
-49.6224

■ 59.0220, 43.3732,
-51.7623

■ 232.8740, 10.9081,
-45.4935

■ 43.1440, 38.3830,
-37.8373

■ 242.1430, 6.3385,
-26.4354

■ 28.4400, 32.8141,
-24.9419

■ 251.4120, 1.7689,
-7.3773

■ 12.7900, 28.6975,
-11.2168

■ 7.8200, 19.8087,

-6.8581

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 124.4910, 52.0159,
-70.5906

■ 124.4910, 52.0159,
-70.5906

■ 111.1570, 58.5896,
-79.0677

■ 137.8250, 45.4423,
-62.1135

■ 99.5950, 64.2897,
-87.3448

■ 150.5720, 39.1580,
-53.1216

■ 163.9060, 32.5843,
-44.6446

■ 176.6530, 26.3001,
-35.6527

■ 189.9870, 19.7264,
-27.1756

■ 202.7340, 13.4421,
-18.1837

■ 216.0680, 6.8685,
-9.7066

■ 228.8150, 0.5842,
-0.7148

■ 242.1490, -5.9895,
7.7623

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



116.4240, 50.0770, -102.1038



124.4910, 52.0159, -70.5906



143.2290, 36.3691, 1.5532

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



124.4910, 52.0159, -70.5906



139.0600, -20.7356, 70.9844



120.4230, -12.0405, -58.2530

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



124.4910, 52.0159, -70.5906



149.5090, -52.0159, 70.5906

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



131.3460, -35.1736, -11.7044



124.4910, 52.0159, -70.5906



138.1830, -37.5582, 53.3365

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



124.4910, 52.0159, -70.5906



141.4400, -0.2169, 69.7741



135.7590, -44.7442, 24.7674



111.7550, 14.4178, -98.0091

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



124.4910, 52.0159, -70.5906



145.2670, 25.5044, 33.0918



135.7590, -44.7442, 24.7674



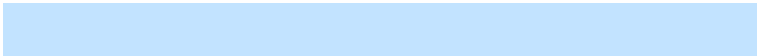
125.4270, -21.4095, -39.8395

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



124.4910, 52.0159, -70.5906



220.3250, 17.0948, -23.0870



162.7580, -17.1357, -104.1508



106.9580, 10.3737, -13.9952



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



124.4910, 52.0159, -70.5906



114.8160, 69.1107, -93.6776



70.4870, 78.6399, -23.2291



108.4770, 3.2158, -4.8033



77.3450, 50.1159, -67.8316



22.2500, 14.1738, -19.5132

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



111.1280, 16.6989, 104.2507



97.1290, 22.1214, 138.4529



203.5130, -78.6399, 23.2291



107.3860, 1.2887, 6.6775



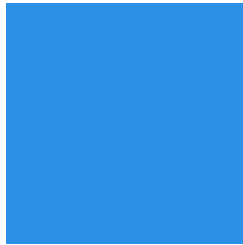
64.5790, 15.9836, 100.3472



18.4410, 4.7126, 28.5542

Previews

White Background



This preview shows how the YUV color 124.4910, 52.0159, -70.5906 looks on a white background.

Color Contrast Check

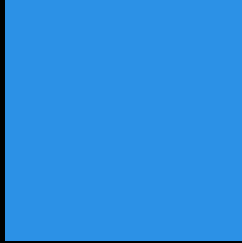
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 124.4910, 52.0159, -70.5906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

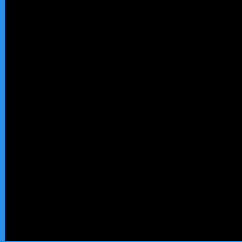
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

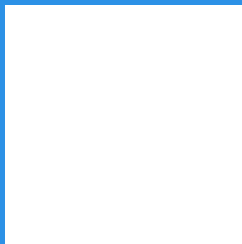
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 124.4910, 52.0159, -70.5906 Background



This preview shows how black text looks on a background with the YUV color 124.4910, 52.0159, -70.5906.



This preview shows how white text looks on a background with the YUV color 124.4910, 52.0159, -70.5906.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

124.4910, 52.0159, -70.5906

Protanopia

137.8340, 41.9868, -27.0414

Deuteranopia

133.0210, 48.3036, -46.4994



Tritanopia

110.0230, 28.0897, -96.4902

Trichromacy



Original Color

124.4910, 52.0159, -70.5906

Protanomaly

133.0600, 45.8194, -43.0256

Deuteranomaly

129.7210, 49.9305, -55.0063

Tritanomaly

115.0810, 36.9351, -86.8940

Monochromacy



Original Color

124.4910, 52.0159, -70.5906

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

124.4710, 18.9948, -25.8461

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.4910, 52.0159, -70.5906 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(44, 145, 230)` looks like.

```
.text, #text, p{  
    color:rgb(44, 145, 230)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(44, 145, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 145, 230) }
```

Border

The CSS property to change the border of an element to YUV 124.4910, 52.0159, -70.5906 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(44, 145, 230) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(44, 145, 230) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(44, 145, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 145, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 145, 230);  
box-shadow:4px 4px 4px 4px rgb(44, 145,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 124.4910, 52.0159, -70.5906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 145, 230) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(44, 145,  
230) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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